



### Technical Data

- Resolution\*1: 0.01 mm or 0.0005 in/0.01 mm
  - Graduation\*2: 0.05 mm
  - Display\*1: LCD
  - Scale type\*1: ABSOLUTE electromagnetic induction linear encoder
  - Max. response speed\*1: Unlimited
  - Battery: SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
  - Battery life\*1: Approx. 5 years under normal use
  - Dust/Water protection level\*1: IP67 (IEC 60529)\*3
- \*1 Digimatic models  
\*2 Analog models  
\*3 Rustproofing shall be applied after use if caliper was in contact with coolant.

### Optional Accessories for Digimatic Models

For details, refer to page A-21.

- Connecting cables for **IT/DP/MUX**
- 05CZA624**: SPC cable with data button (1 m)
- 05CZA625**: SPC cable with data button (2 m)
- USB Input Tool Direct
- 06AFM380A**: SPC cable for **USB-ITN-A** (2 m)
- Connecting cables for **U-WAVE-T**
- 02AZD790A**: SPC cable with data button (160 mm)
- 02AZE140A**: SPC cable for foot switch

### Wireless Data Output **U-WAVE**

- U-WAVE-TC**: **264-620** (IP67 type)  
**264-621** (Buzzer type)
- U-WAVE-TCB Transmitter** (Mitutoyo **Bluetooth**<sup>®</sup> **U-WAVE**)  
**264-624** (IP67 type)  
**264-625** (Buzzer type)

Refer to page A-10 for details.

- Connecting unit for **U-WAVE-TC/TCB**
- 02AZF310** (IP67 type)

Note: IP67 model is water/dust-proofed suitable for the factory floor.

Buzzer type is not water/dust-proofed. Refer to pages A-10 and A-12 for details.

## Tube Thickness Caliper SERIES 573, 536 — ABSOLUTE Digimatic and vernier types

- The beam-mounted jaw is a round bar that facilitates measurements of tube wall thickness.
- Digimatic models are IP67 Absolute type. Slider action is smooth, firm and comfortable.
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. (Refer to page A-3.)



### SPECIFICATIONS

Metric	Digimatic model	Maximum permissible error (mm)*2	
		EMPE	SMPE
Order No.	Range (mm)		
<b>573-661-20</b>	0 - 150	±0.05	
<b>573-662-20</b> *1	0 - 150	±0.05	

Inch/Metric	Digimatic model	Maximum permissible error (in)*2	
		EMPE	SMPE
Order No.	Range (in)		
<b>573-761-20</b>	0 - 6	±0.002	

Metric	Analog model	Maximum permissible error (mm)*2	
		EMPE	SMPE
Order No.	Range (mm)		
<b>536-161</b>	0 - 150	±0.05	

\*1 Without thumb roller

\*2 Partial Surface Contact Error, EMPE and Shift Error, SMPE are terms (notations) used in ISO 13385-1:2019.

### DIMENSIONS

